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**Title**    A Review of Metamaterial Frequency Selective Surfaces

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**Abstract**

*This report deals with the review of metamaterial frequency selective surfaces, which includes the EM characteristics of metamaterial FSS, its design, and fabrication. Methods for the EM analysis of metamaterial FSS are discussed in detail. Mostly, these methods are used to investigate either the band structure of the materials or the transmission properties of the structures. The advantages and disadvantages of each method are included in the corresponding sections. The EM characterization methods of metamaterial FSS are also incorporated in this report.*